

PENTAX

Sleek, Stylish and Loaded with Features



MEGAPIXEL
8.0
EFFECTIVE

OPTICAL
3X
ZOOM

PENTAX Optio A10



The Optio A10 offers the pinnacle of PENTAX compact digital photography. With 8.0 megapixels and a high-performance smc PENTAX 3X zoom lens, the Optio A10 is the first PENTAX compact digital with an innovative Shake Reduction system to help ensure sharper images. PENTAX developed Shake Reduction to eliminate situations where camera shake typically causes blurred images such as telephoto or indoor shots without a flash.

The Optio A10 also features an intuitive Mode Palette with 15 shooting modes and 15 playback modes and a high-quality movie mode with long recording times in its trendy, ultra-compact aluminum alloy body.

FEATURES

- Superior image quality thanks to a 1/1.8 inch 8.0 megapixel CCD and 3X optical smc PENTAX lens.
- Advanced capture features such as Shake Reduction and Tracking AF assure you will never miss a shot.
- High resolution 2.5 inch LCD monitor offers 100% field of view and the clarity of 232,000 pixels.
- High-quality movie captures MPEG-4 DivX® (640 x 480) at 30fps with Anti-shake and editing functions.
- Frame composite function can add decorative frames to images
- Convenient image-rotation display for confirmation of vertical shots

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SPECIFICATIONS

Type	Compact-type digital still camera with built-in zoom lens, autofocus, auto exposure, auto flash and CCD-shift* (CCD Shift Shake Reduction)
Effective Pixels	8.0 megapixels
Sensor	8.32 megapixels (total pixels) 1/1.8 inch interline transfer CCD with a primary colour filter
Colour Depth	12 bit
Recorded Pixels	Still: 8M(3264 x 2448 pixels), 5M (2592 x 1944 pixels), 4M (2304 x 1728 pixels), 3M (2048 x 1536 pixels), 2M (1600 x 1200 pixels), 1024 (1024 x 768 pixels), 640 (640 x 480 pixels) Movie: 320 x 240 pixels <i>During Candle light mode, the recorded size is fixed to 4M (2304 x 1728)</i> <i>During Frame composition mode, the recorded size is fixed to 3M (2048 x 1536)</i>
Sensitivity	Auto, Manual (50/100/200/400:Standard Output Sensitivity) <i>During Candle light mode, Sensitivity is compliant to Standard Output Sensitivity 800.</i>
File Formats	Still - JPEG (Exif 2.2), DCF, DPOF, PRINT Image Matching III Movie - AVI (MPEG-4 format, DivX), approx.30fps (frames per second) , with sound, Movie anti-shake <i>Recorded as 30fps based on image signal at 20fps.</i> Sound - WAV (PCM format), monaural
Quality Levels	★★★Best, ★★Better, ★Good
Storage Media	Built in memory (approx. 24 MB), SD memory card
Lens	smc PENTAX power zoom 7.9mm-23.7mm (equivalent to 38mm-114mm in 35mm format) F2.8-F5.4, 7 elements in 5 groups (3 dual-sided aspherical elements)
Digital Zoom	1X - approx. 4X

FOCUSING SYSTEM

Type	TTL contrast detection autofocus system with AF spotbeam Manual focus/Infinity-landscape/ Panfocus mode available
Focusing Areas	5-point multi AF / Spot AF / Tracking AF switchable
Focusing Range	STILL: Autofocus: Normal: 0.35m (1.15 ft.) to infinity Macro: 0.12m (0.39ft) to 0.4 m (1.31 ft) at full wide-angle setting ~11.5mm Supermacro: 0.06m (0.20 ft) to 0.15m(0.49 ft) at full wide-angle setting MOVIE: Autofocus: Normal: 0.12m (0.39 ft.) to infinity at full wide-angle setting, 0.35m (1.15ft) to infinity at full telephoto setting Macro: 0.12m (0.39 ft.) to 0.4m (1.31 ft.) at full wide-angle setting ~11.5mm Supermacro: 0.06m (0.20 ft) to 0.15m(0.49 ft) at full wide-angle setting

EXPOSURE CONTROL

Metering System	TTL metering: Choice of Multi-segment metering, Center-weighted metering, Spot metering
Exposure Modes	Auto Picture, Program, Night Scene, Movie, Voice recording, Landscape, Flower, Portrait, Sport, Surf & Snow, Candle light, Food, Pet, Text, Frame composite
Exposure Compensation	±2 EV (1/3 steps).
Movie	Shooting time: From approx. 1 sec to memory card capacity. Movie Edit: Save as still image, Divide, Extract
Shutter	Programmed AE electronic lens shutter with CCD electronic shutter Shutter speed: approx. 1/2000 sec. to 4 sec.
Drive Modes	One shot, Self-timer, Continuous (standard, high speed), Remote control
Flash	Built-in auto flash. Automatic discharge under low lighting conditions in auto mode Flash-on and Flash-off modes. Soft flash mode and "Red-eye" reduction function also available.
Effective Range	Approx. 0.06 m -5.0 m (0.2 ft - 16ft) at 7.9mm, Sensitivity Auto Approx. 0.35m -2.5m (1.15 ft -8.2 ft) at 23.7mm, Sensitivity Auto
White Balance	Auto, Daylight, Shade, Tungsten light, Fluorescent light, Manual setting
LCD Monitor	2.5 inch, TFT colour, Low-Reflective type LCD (Approx. 232,000 pixels), field of view: approx. 100%
Time	World Time: 71 cities (28 time zones)
Language	English, French, German, Spanish, Portuguese, Italian, Swedish, Netherlandish, Russian, Korean, Chinese (Traditional/Simplified), Thai, Japanese
PictBridge	Print Mode: Single image print, All images print, DPOF auto print Print Settings: Paper size, Paper type, Printing quality, Border status
Interfaces	AV output terminal, USB 2.0(HI-SPEED) terminal, DC input terminal
Video Output	Compatible with NTSC and PAL formats
Power Sources	Rechargeable D-Li8 lithium-ion battery. Optional AC adapter also available. Power Life: Still*: Approx. 150 to be taken. Playback mode**: Approx. 100 min. <small>*Recording capacity shows approximate number of shots recorded during CIPA-compliant testing. Actual performance may vary according to operating conditions (with LCD monitor on and flash used for 50% of the shots). **According to the result of in-house testing. (with LCD monitor on).</small>
Dimensions	88.5(W) x 54.5(H) x 23(D)mm (3.5(W) x 2.1(H) x 0.9(D) inches) (excluding protrusions)
Weight	145 g (5.1 oz.) loaded and ready 125 g (4.4 oz.) without battery and SD memory card



OTHER FEATURES

- Precise autofocus with a tracking AF function feature
- Candlelight mode allows high-sensitivity shooting at a Standard Output Sensitivity of 800
- Approximately 24 MB of built-in memory; supports external SD memory cards
- Built-in AF-assist light (can be switched on or off)
- Pan-focus function for effortless snapshots
- ACDSee for PENTAX image viewer/image management software
- FotoNation's red-eye compensation function for flash photography
- USB 2.0 (HI-SPEED) compatible
- DPOF functions, Exif Print, and PRINT Image Matching III compatible
- PictBridge compatible

ACCESSORIES

Included Accessories		Optional Accessories	
Product Code	Description	Product Code	Description
39477	AC Plug Cord D-C02U	39145	AC Adapter Kit K-AC8U
39121	Rechargeable L-Ion Battery D-Li8	39153	BatteryCharger Kit K-BC8U
39318	Battery Charging Stand D-BC42	50387	Camera Case
39233	USB Cable I-USB17	37376	Remote Control E (with shutter release and zoom)
39552	AV Cable I-AVC7	37377	Remote Control F (with shutter release)
39195	Strap O-ST20		
	Software(CD-Rom) S-SW42		

SYSTEM REQUIREMENTS

	PC	MACINTOSH
USB	Windows 98/98 SE, Me, 2000, or XP HomeEdition/Professional	9.2, X (Version 10.1 or later)
ACDSee for Pentax	PC	MACINTOSH
OS	Windows 98 SE, Me, NT, 2000, and XP	9.2 (with the latest CarbonLib) or later
CPU	Pentium or later (Pentium III 500MHz or later)	PowerPC 266MHz or later
Memory capacity	Over 64MB (Over 128MB)	Over 8MB
Hard disk capacity	Over 40MB (Over 50MB)	Over 8MB
Others	CD-ROM drive, Internet Explorer 5.0 or later, QuickTime6.0 or later, DirectX9.0 or later, Windows Media Player7.1 or later	CD-ROM drive, QuickTime6.0 or later
Language	English, French, German, Spanish, Italian, Russian, Korean, Chinese (Traditional / Simplified), Japanese	English, French, German, Spanish, Italian, Japanese

The minimum system requirements for running ACD Showtime! for PENTAX are shown in parentheses.
ACD Showtime! for PENTAX is compatible with Windows only.



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- "DivX" is trademark for DivX, Inc. and is used under license.
- This product supports PRINT Image Matching III. PRINT Image Matching enabled digital still cameras, printers and software help photographers to produce images more faithful to their intentions. Some functions are not available on printers that are not PRINT Image Matching III compliant.
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